

ABSTRACT

IMAGE PROCESSING APPARATUS

In an image processing system, a subject object 210 is placed on top of an object support 220 on a calibration object 34 having a known pattern of features thereon. Images recorded at different positions and orientations are processed to generate a three-dimensional computer model of the subject object alone or the subject object together with the calibration object. By imaging the subject object 210 on an object support instead of placing it directly on the calibration object, the user is provided with flexibility in the selection of the pattern and colour of the calibration and the selection of the imaging positions and orientations. By providing an object support 220 having a top surface on which the subject object 210 sits which does not protrude from beneath the base of the subject object 210, the user is provided with flexibility in the selection of lighting conditions. By imaging the subject object 210 with a background screen 228 behind it, the user is provided with flexibility in the selection of the surface on which the calibration object 34 is placed for imaging.